Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092120\
Data File : VU040229.D
Acq On : 21 Sep 2020 12:03
Operator : SY/MD
Sample : L4063-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0TR3

Quant Time: Sep 22 07:14:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 07:07:10 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 130288 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 129275 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 55967 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 29094 | 4.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 81.80% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 28857 | 4.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 97.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 50969 | 2.79 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 55.80%# | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 141486 | 49.73 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 99.46% | | | |
| 24) Chloroform-d | 5.08 | 84 | 75596 | 4.55 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 91.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 47289 | 4.61 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 92.20% | | | |
| 32) Benzene-d6 | 5.75 | 84 | 133341 | 4.42 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 88.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 44729 | 4.49 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 89.80% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 103423 | 3.79 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 75.80% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 17643 | 3.86 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 77.20% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 100633 | 46.49 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 92.98% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 41323 | 4.80 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 96.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 44236 | 4.88 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 97.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.53 | 50 | 550 | 0.044 | ug/L | 100 |
| 13) Acetone | 2.68 | 43 | 16484 | 6.258 | ug/L | 52 |
| 15) Methyl Acetate | 2.98 | 43 | 2306 | 0.349 | ug/L | 99 |
| 25) Chloroform | 5.11 | 83 | 3375 | 0.148 | ug/L | 94 |
| 33) Benzene | 5.79 | 78 | 1944 | 0.042 | ug/L | 100 |
| 34) Trichloroethene | 6.27 | 95 | 2621 | 0.211 | ug/L # | 9 |
| 35) Methylcyclohexane | 6.70 | 83 | 11128 | 0.586 | ug/L # | 14 |
| 37) 1,2-Dichloropropane | 6.71 | 63 | 5532 | 0.442 | ug/L # | 88 |
| 39) cis-1,3-Dichloropropene | 7.57 | 75 | 1313 | 0.071 | ug/L # | 21 |
| 42) Toluene | 7.98 | 91 | 9846 | 0.207 | ug/L | 97 |
| 44) trans-1,3-Dichloropropene | 8.19 | 75 | 787 | 0.046 | ug/L # | 61 |
| 53) m,p-Xylene | 9.69 | 106 | 1657 | 0.086 | ug/L | 97 |
| 55) Styrene | 10.11 | 104 | 6191 | 0.194 | ug/L | 91 |

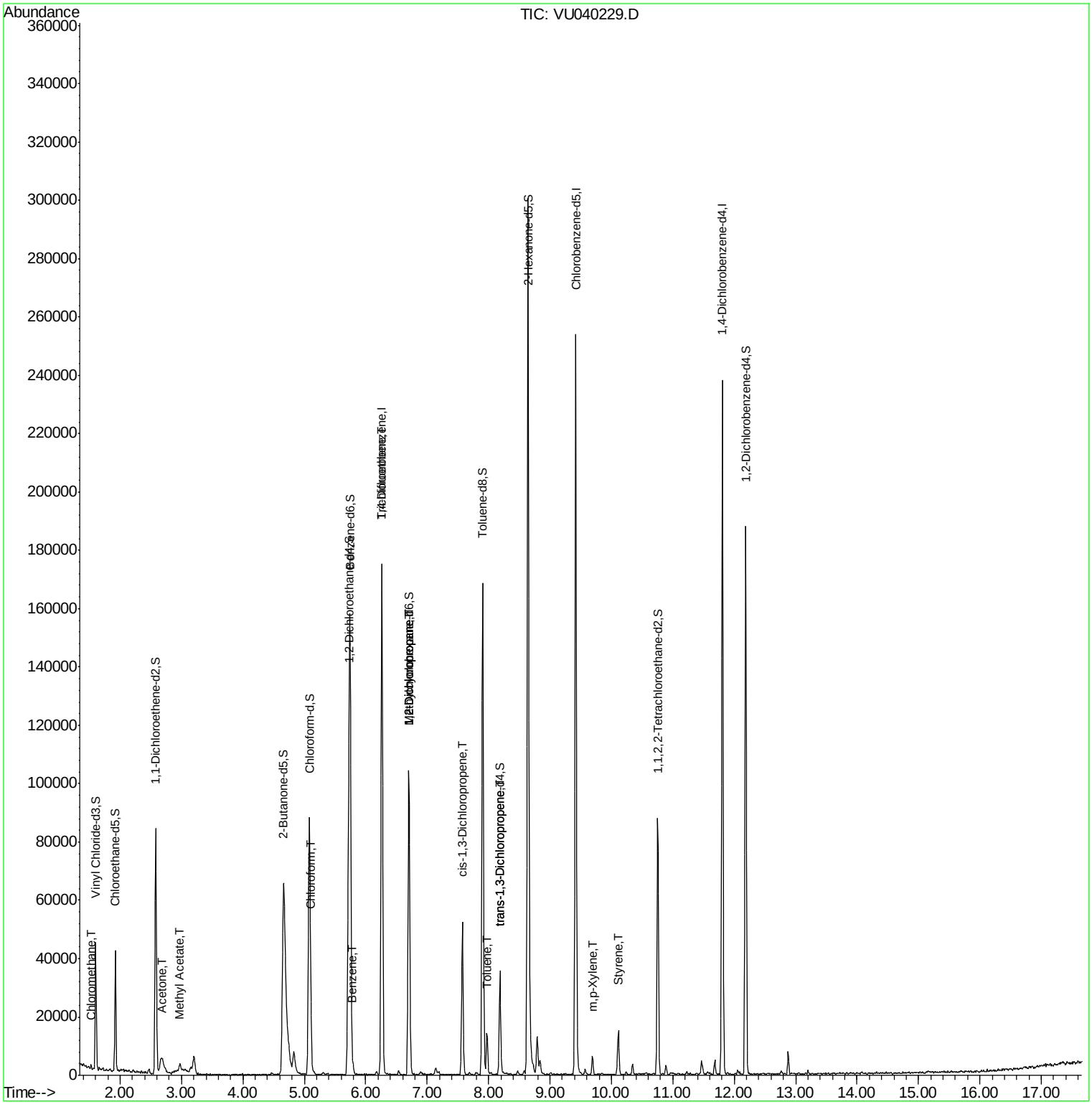
(#) = qualifier out of range (m) = manual integration (+) = signals summed

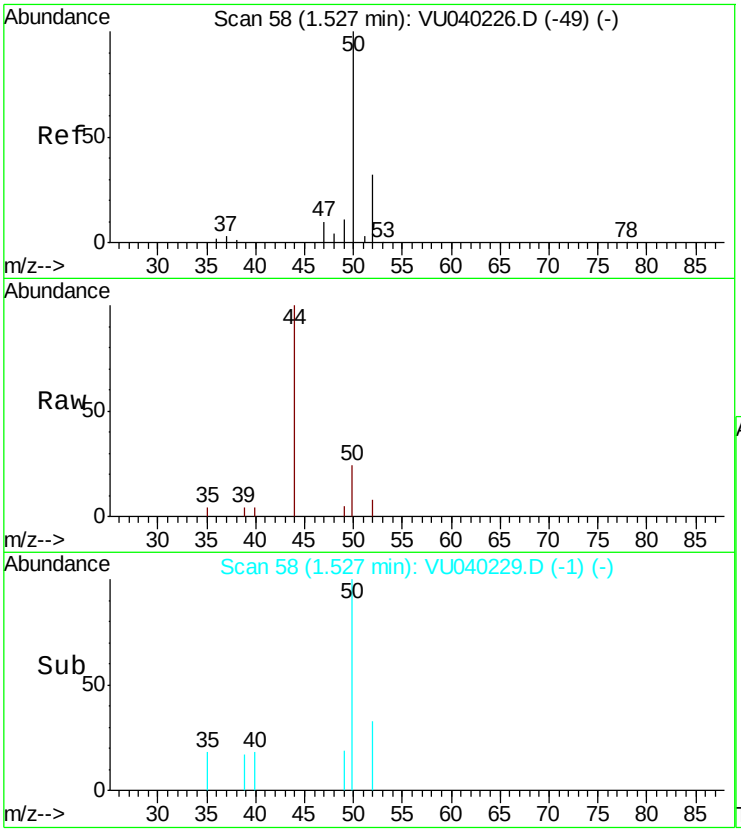
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092120\
Data File : VU040229.D
Acq On : 21 Sep 2020 12:03
Operator : SY/MD
Sample : L4063-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0TR3

Quant Time: Sep 22 07:14:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 07:07:10 2020
Response via : Initial Calibration



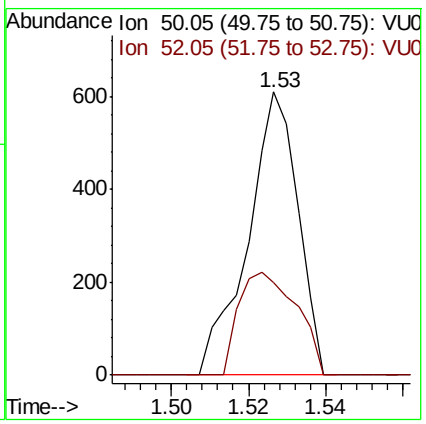


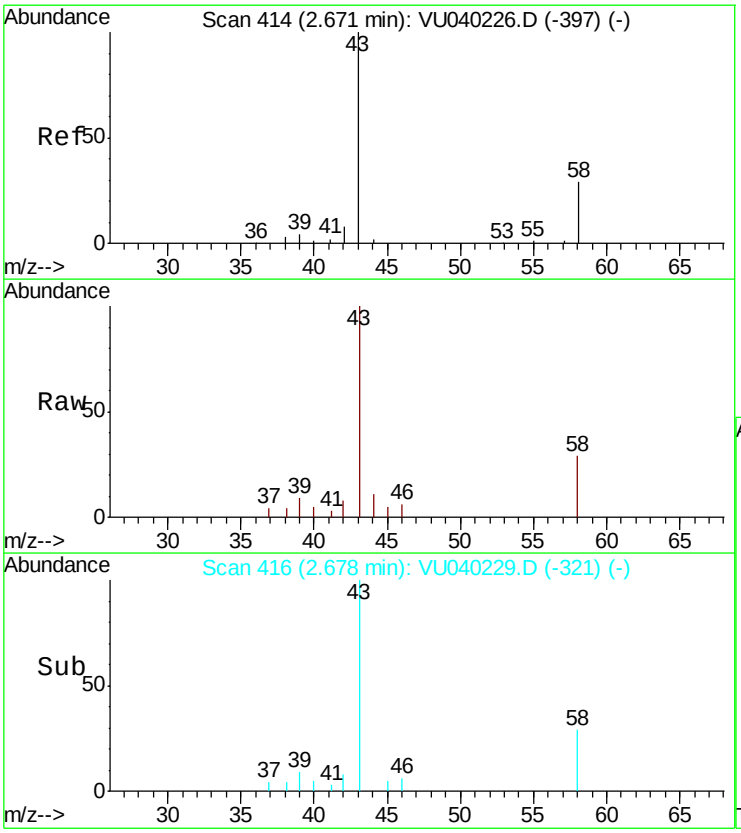

#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040229.D
Acq: 21 Sep 2020 12:03

**Instrument :** MSVOA_U
**ClientSampleId :** C0TR3

Tgt Ion: 50 Resp: 550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.8 | 22.8 | 42.4 |

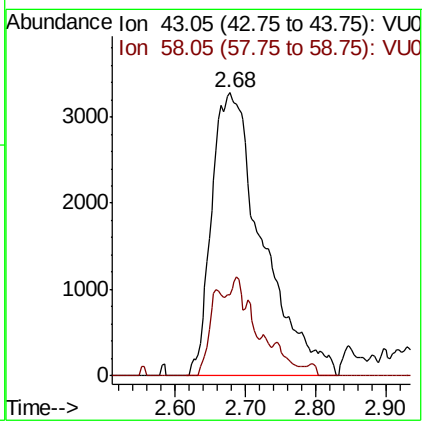


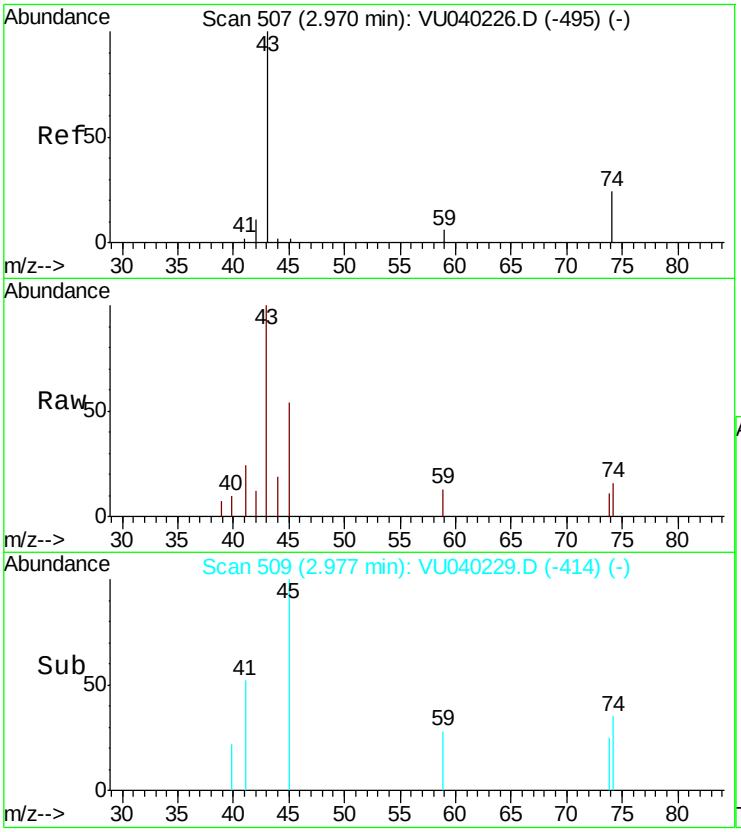




#13
Acetone
Concen: 6.258 ug/L
RT: 2.68 min Scan# 416
Delta R.T. 0.01 min
Lab File: VU040229.D
Acq: 21 Sep 2020 12:03

Tgt Ion: 43 Resp: 16484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 2.6 | 0.0 | 55.4 |



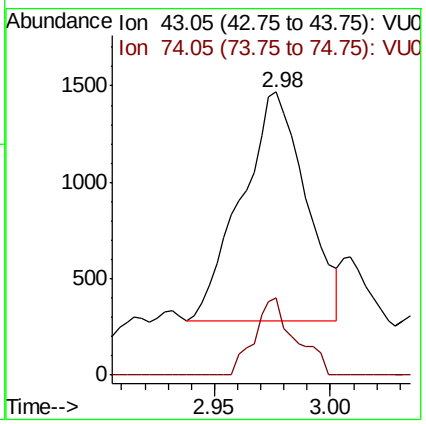


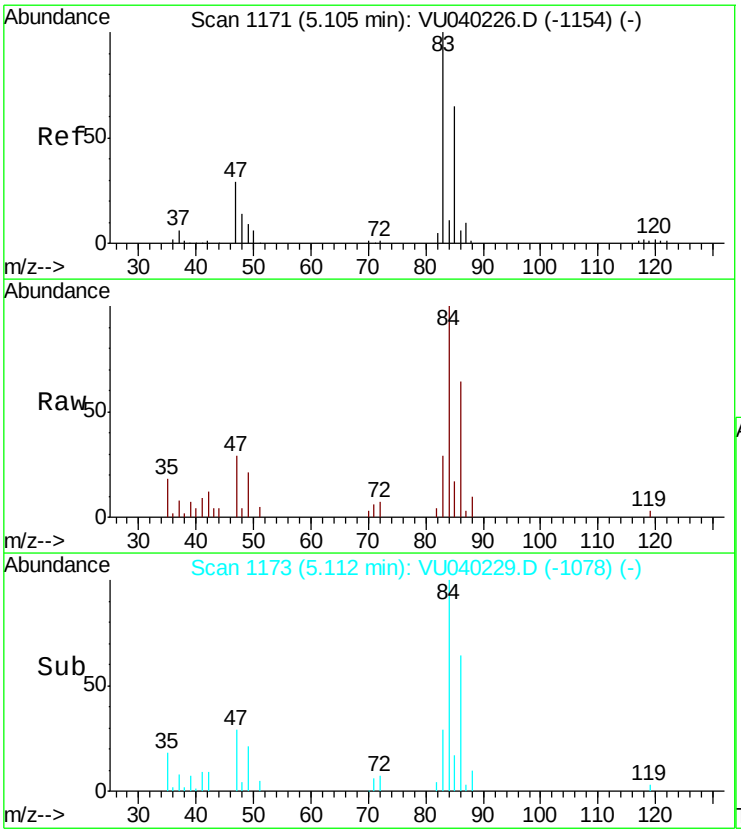

#15
Methyl Acetate
Concen: 0.349 ug/L
RT: 2.98 min Scan# 509
Delta R.T. 0.01 min
Lab File: VU040229.D
Acq: 21 Sep 2020 12:03

**Instrument :** MSVOA_U
**ClientSampleId :** C0TR3

Tgt Ion: 43 Resp: 2306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 21.2 | 17.4 | 26.0 |

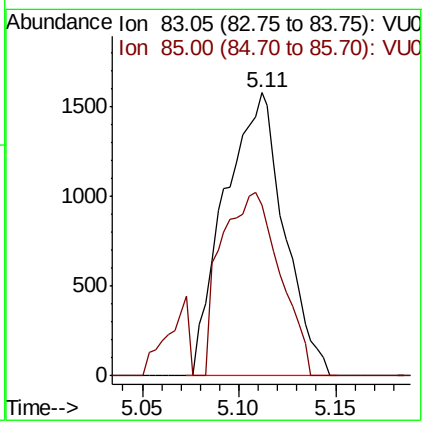


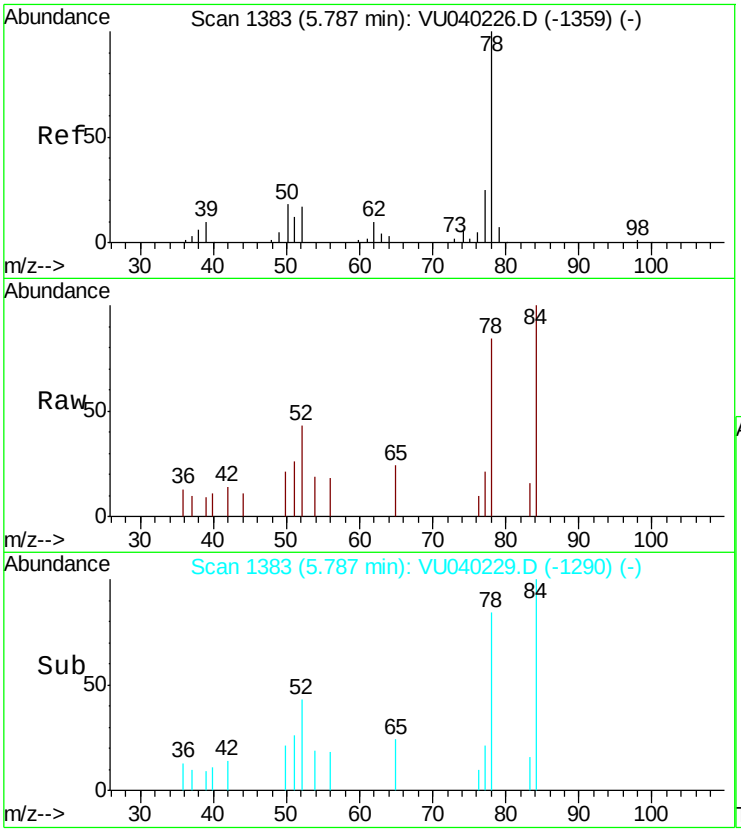




#25
Chloroform
Concen: 0.148 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040229.D
Acq: 21 Sep 2020 12:03

Tgt Ion: 83 Resp: 3375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 60.3 | 45.3 | 84.1 |

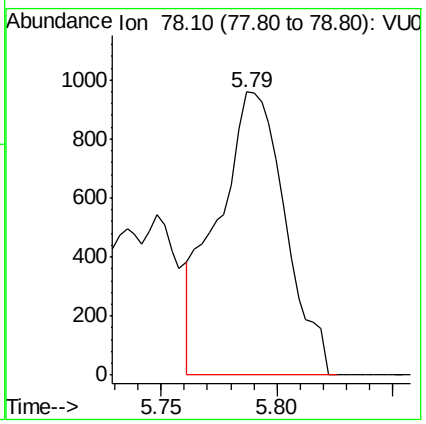


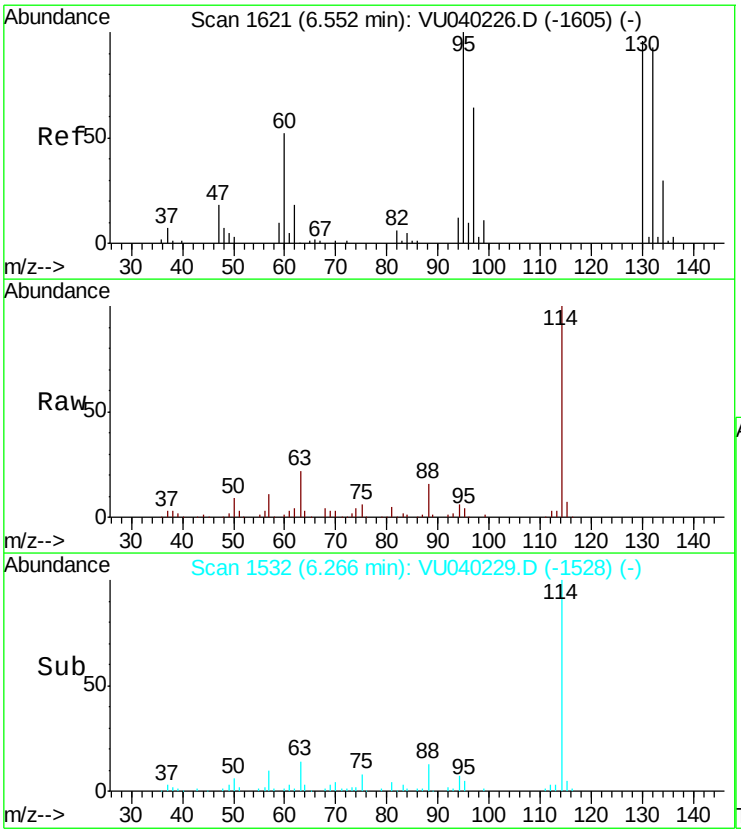



#33
Benzene
Concen: 0.042 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU040229.D
Acq: 21 Sep 2020 12:03

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0TR3

Tgt Ion: 78 Resp: 1944

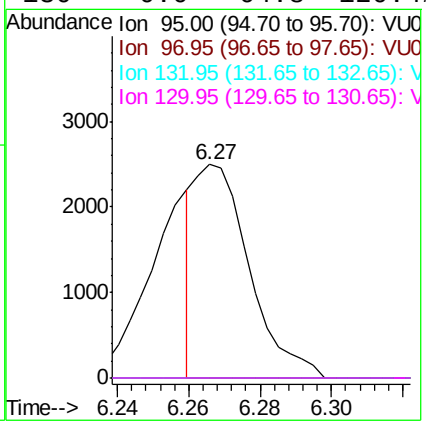


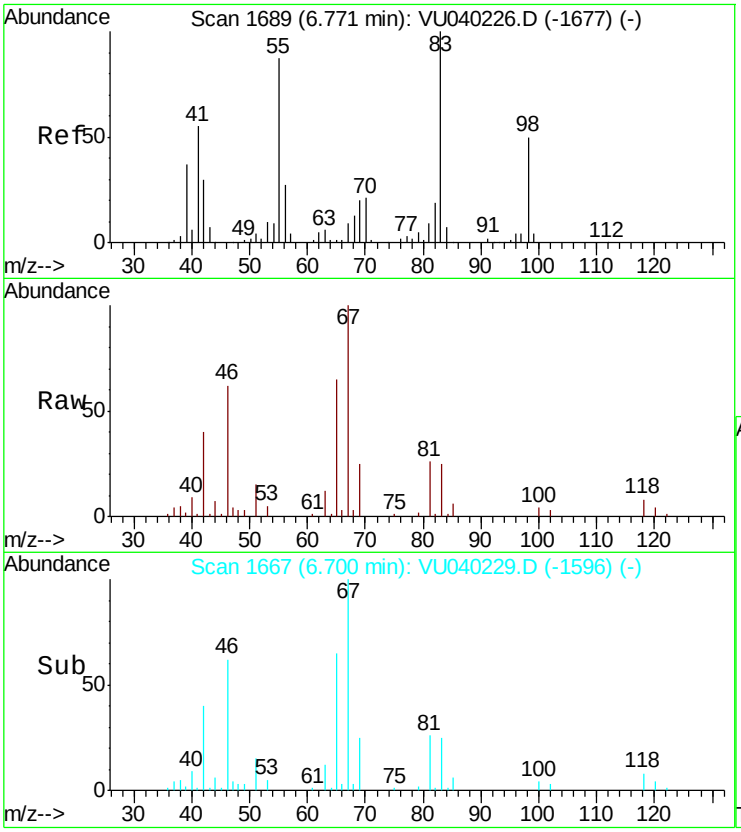




#34
Trichloroethene
Concen: 0.211 ug/L
RT: 6.27 min Scan# 1532
Delta R.T. -0.29 min
Lab File: VU040229.D
Acq: 21 Sep 2020 12:03

Tgt Ion: 95 Resp: 2621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 0.0 | 43.3 | 80.5# |
| 132 | 0.0 | 59.4 | 110.4# |
| 130 | 0.0 | 64.8 | 120.4# |



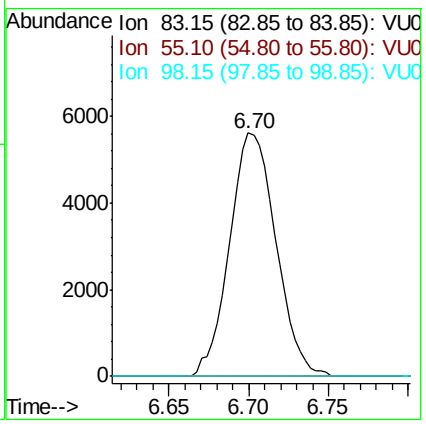


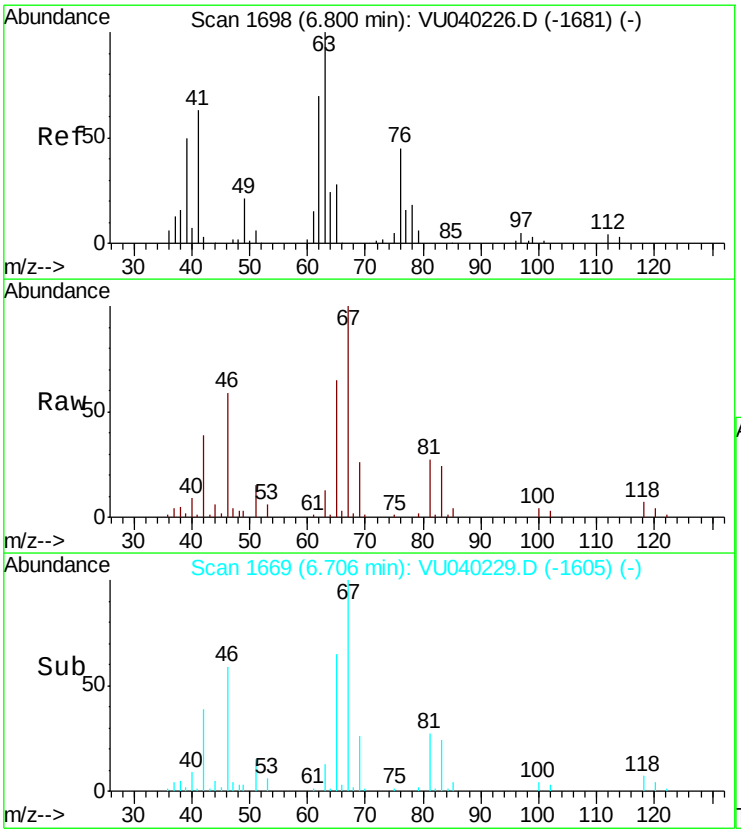

#35
Methylcyclohexane
Concen: 0.586 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040229.D
Acq: 21 Sep 2020 12:03

**Instrument :** MSVOA_U
**ClientSampleId :** C0TR3

Tgt Ion: 83 Resp: 11128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 70.5 | 105.7# |
| 98 | 1.3 | 37.8 | 56.6# |

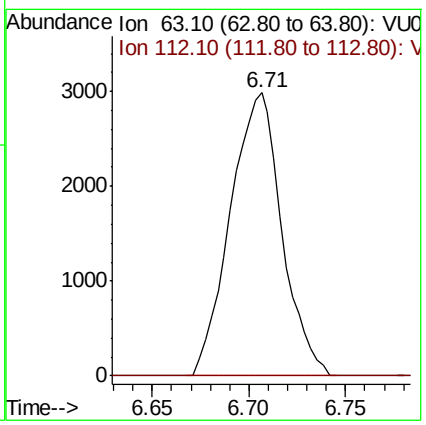


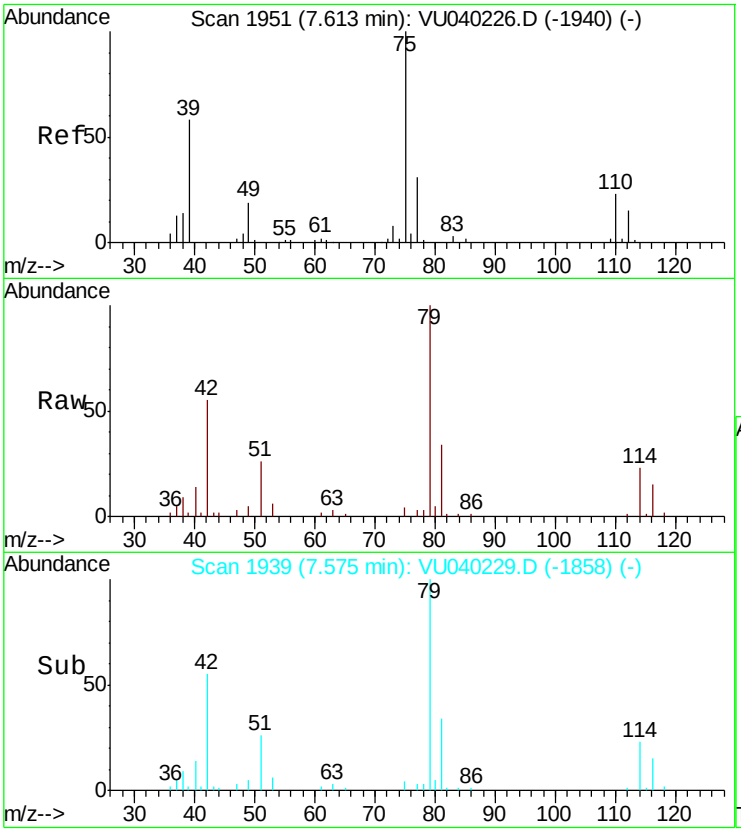




#37
1,2-Dichloropropane
Concen: 0.442 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040229.D
Acq: 21 Sep 2020 12:03

Tgt Ion: 63 Resp: 5532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.2 | 4.8# |



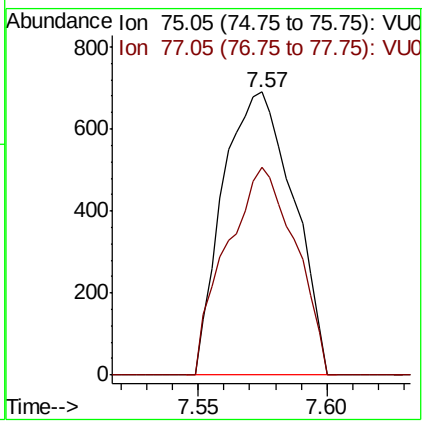


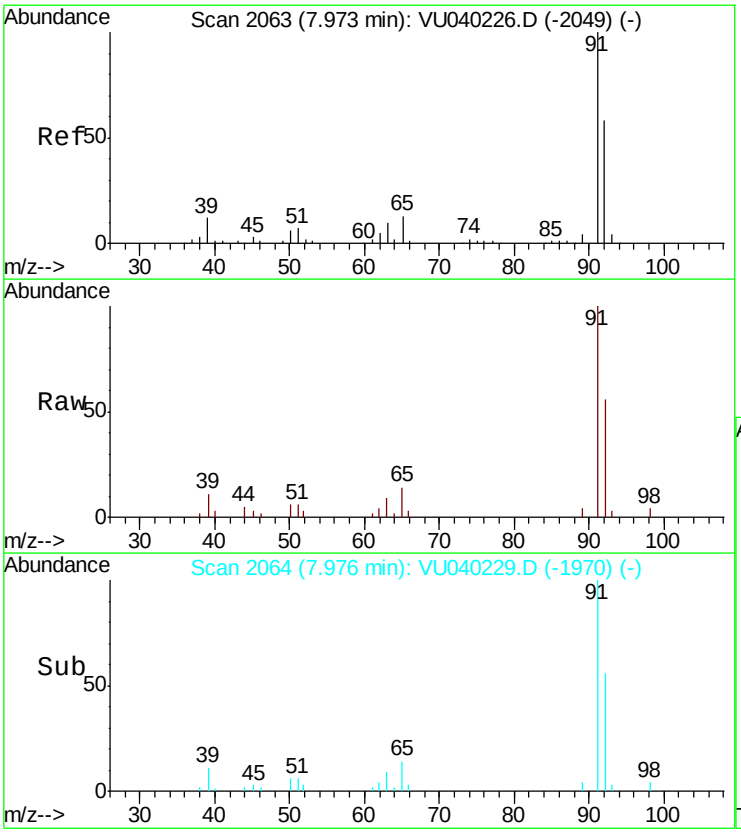

#39
cis-1,3-Dichloropropene
Concen: 0.071 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040229.D
Acq: 21 Sep 2020 12:03

**Instrument :** MSVOA_U
**ClientSampleId :** C0TR3

Tgt Ion: 75 Resp: 1313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 73.3 | 21.1 | 39.3# |

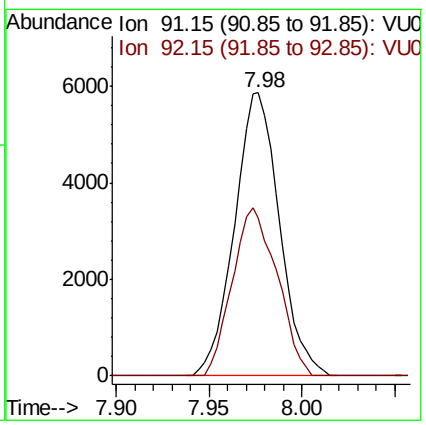


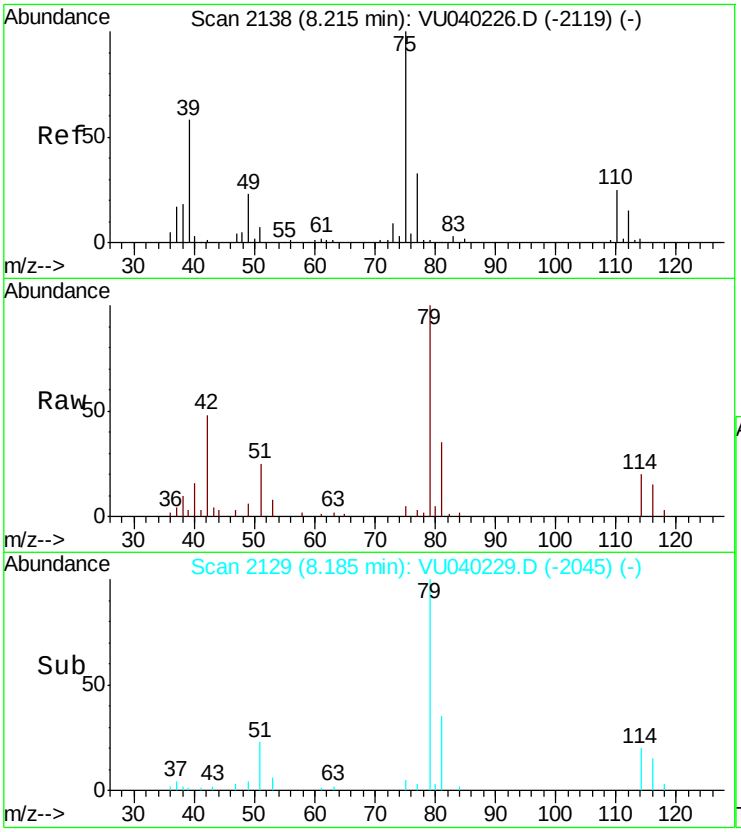




#42
Toluene
Concen: 0.207 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040229.D
Acq: 21 Sep 2020 12:03

Tgt Ion: 91 Resp: 9846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 55.6 | 40.7 | 75.5 |



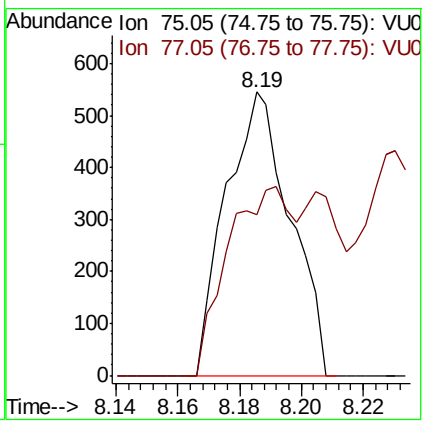


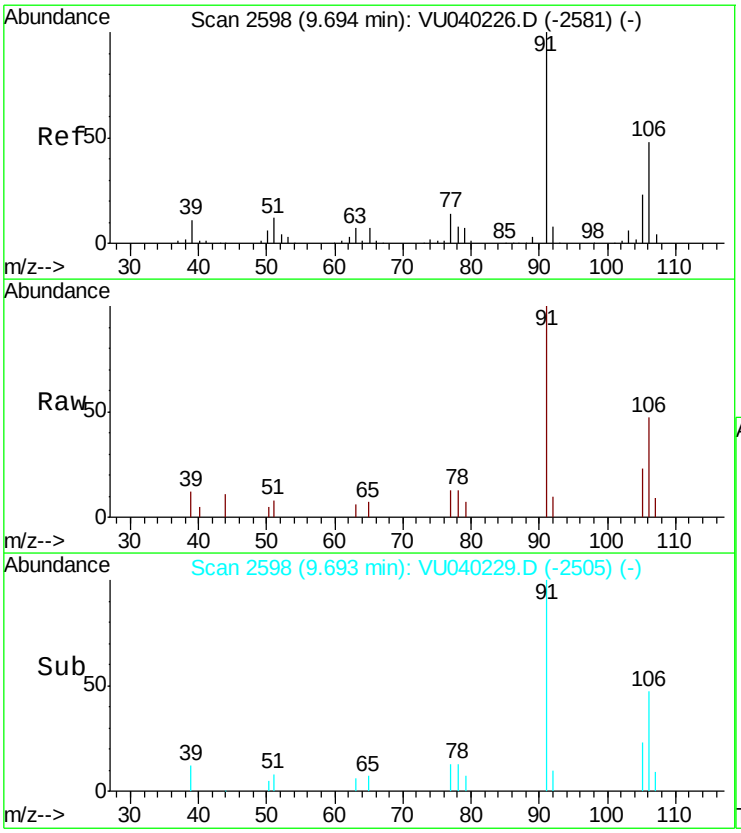

#44
trans-1,3-Dichloropropene
Concen: 0.046 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040229.D
Acq: 21 Sep 2020 12:03

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0TR3

Tgt Ion: 75 Resp: 787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 56.7 | 23.9 | 44.3# |

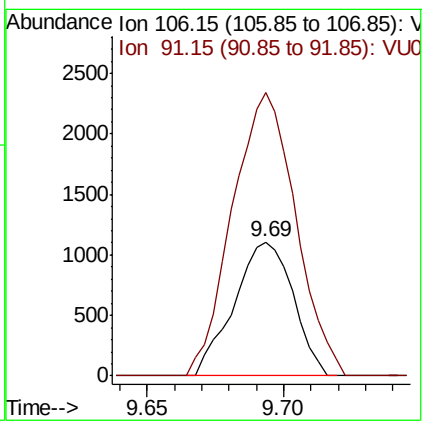


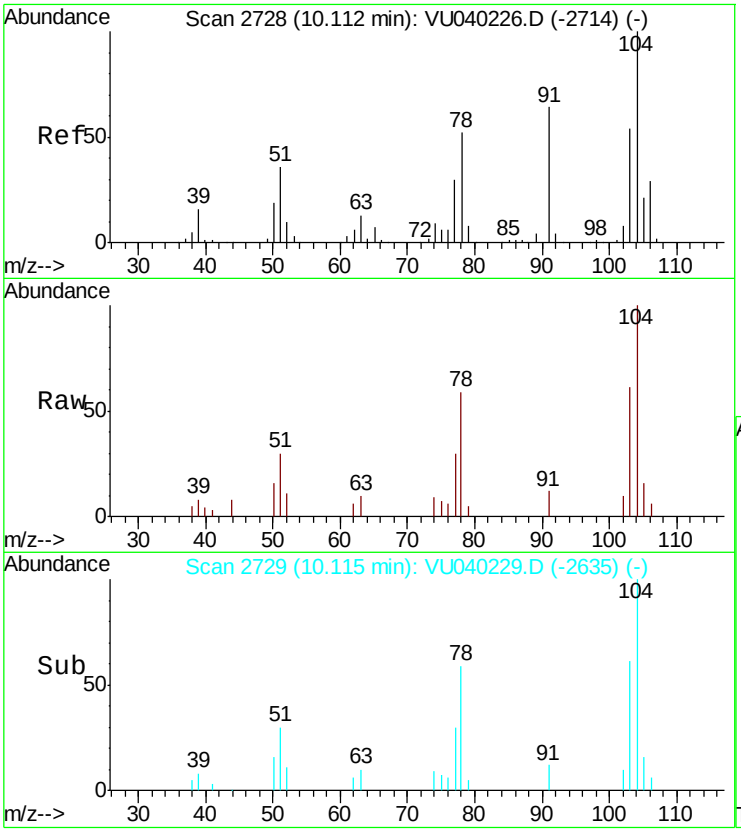




#53
m,p-Xylene
Concen: 0.086 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040229.D
Acq: 21 Sep 2020 12:03

Tgt Ion:106 Resp: 1657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 211.2 | 151.7 | 281.7 |






#55
Stvrene
Concen: 0.194 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU040229.D
Acq: 21 Sep 2020 12:03

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0TR3

Tgt Ion:104 Resp: 6191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 58.9 | 36.8 | 68.3 |